

**Search Notes**

Application/Control No.

10/796,199

Examiner

Andrew Graham

Applicant(s)/Patent under  
Reexamination

HUGHES ET AL.

Art Unit

2644

**SEARCHED**

Class	Subclass	Date	Examiner
381	335,82,33 2,387	6/13/2005	st
181	144	6/13/2005	st

**INTERFERENCE SEARCHED**

Class	Subclass	Date	Examiner

**SEARCH NOTES  
(INCLUDING SEARCH STRATEGY)**

	DATE	EXMR
EAST srch W/ USPAT PGPUB OCR EPO JPO DERWENT	6/13/2005	st
cls/sbcls @left w/ ky wrds columnar, array, low pass filter, directional, speaker, and equivalents	6/13/2005	st
most of EAST search history lost in bad wkspc file	6/13/2005	st